

B<sup>1</sup>  
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capable of separating said light beam into at least one light component polarized differently than another light component, wherein said one light component and said another light component are within a single said light beam.

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--20. (Amended Twice). A method of projecting light comprising:

- (a) producing a light beam that is nonpolarized and has at least two light components;
- (b) separating said light beam into at least one light component polarized differently than another light component, wherein substantially all of said light beam is transmitted, wherein said one light component and said another light component are within a single said light beam;
- (c) receiving said light beam as a result of step (b) and providing light-component-specific images; and
- (d) projecting said light-component-specific images through a projection lens.

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B<sup>3</sup>

--50 (Amended Once).

A projection display system using polarized light comprising:

- (a) a polarization converter for use with a light source that provides a light beam having at least two light components where at least one light component is polarized differently than another light component, wherein said one light component and said another light component are within a single said light beam;

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- (b) a projection system that receives said differently polarized light and provides light-component-specific images; and
- (c) a projection lens that projects an image combined from the light-component-specific images.

69 (Amended Once).

A method for converting light comprising:

- (a) producing a light beam of generally white light that is nonpolarized and has at least two light components;
- (b) separating said generally white light beam into at least one light component polarized differently than another light component, wherein substantially all of said generally white light beam is transmitted as a single beam, wherein said one light component and said another light component are within a single said light beam; and
- (c) separating said single beam into at least two light beams, where the first beam includes light having a first polarization and the second beam includes light having a second polarization, and providing light-component-specific images.

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74 (Amended Once).

A projection display system using polarized light comprising:

- (a) a light source for generating a generally white light beam having at least two light components, wherein said light components are polarized and at least one of said light components is polarized differently than another of said

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light components, and said at least two components are provided to a projection system as a single beam, wherein the one light component and the another light component are within a single the light beam.;

- (b) said projection system having plural polarizing beam splitters and dichroic filters therein, wherein each polarizing beam splitter and dichroic filter reflects at least one of said light components and transmits at least another of said light components and a plurality of LCD panels, each LCD panel generating a light-component-specific image associated with one of said light components; and
- (c) a projection lens for projecting an image combined from the light-component-specific images from the LCDs.

--100 (Amended Once).

A polarization converter for use with a light source that generates a light beam having at least two light components, comprising an optics array capable of separating said light beam into at least one light component polarized differently than another light component, wherein said one light component and said another light component are within a single said light beam, wherein said optics array has a first dichroic filter and a second dichroic filter complimentary to said first dichroic filter, wherein said optics array includes a polarizing beam splitter and said light beam passes through said beam splitter before passing through one of said dichroic filters.